1. What are magnets made of?
2. Are magnets good conductors or good insulators?
3. If a magnet is broken into two pieces can they be put back together again? (sounds like Humpty Dumpty..hehheh)
4. Why can’t magnets magnetize me? (or do they magnetize me?)
5. Why can’t magnets attract plastics?
6. Why do we refer to the geographic south of the earth as our south pole and the geographic north of the earth as our north pole when the magnetic north of the earth is located near the South Pole and the magnetic south of the earth is located near the North Pole?
7. Can a magnet attract lightning?
8. How can one make a magnet?
9. Does the size of the magnet affect its attractive force?
10. Why do magnets attach to metal objects? (or do they always attach to metal objects?)
11. What are the uses or advantages of using a U-shaped magnet?
12. How come small magnets can also be as powerful as big magnets?
13. How do magnets (such as those found in bracelets) help in improving our health? (or Do they really help?)
14. Why do opposite poles of magnets attract and same poles repel?
15. Is the mass related to how strong magnets can attract or repel?
16. How can magnetism be repelled?
17. What are some factors that can disturb (or decrease) magnetism (or the magnetic strength of a material)?
18. Suppose we have a circular magnet (like a coin) and it is placed on a refrigerator, we notice that both sides can be placed on the ref. How do we determine the north and south poles?
19. Does the size of the magnet affect its strength? Does it change over the time? If so, will the size of the magnet affect its rate of change over time?
20. What is Faraday’s Law?
21. How are electricity and magnetism linked?
22. What is the middle part of the magnet between north and south poles made of? How does it interact between the two poles?
23. Do I have a magnetic field?
24. If you put a magnet near a sand, why does the sand follow the magnet whenever you change the magnet’s location?
25. How do planets produce their magnetic field?
26. What causes the magnetic field of the earth to reverse over time?
27. When multiple magnets are placed (or submerged) in an electrolyte, will there be some sort of adverse reaction?
28. How do things generate their magnetic field?
29. How does a speaker (the ones found in radios) work?
30. Do magnets rust?
31. If a person had a large amount of metal inside his body (say, a synthetic limb), and was made to stand beside a huge magnet, would he stick to the magnet?
32. Are there “external factors” that can affect a magnet’s strength?
33. Can people attract objects like magnets attract metals?
34. How do MRIs work?
35. How are magnets used in TV sets?